

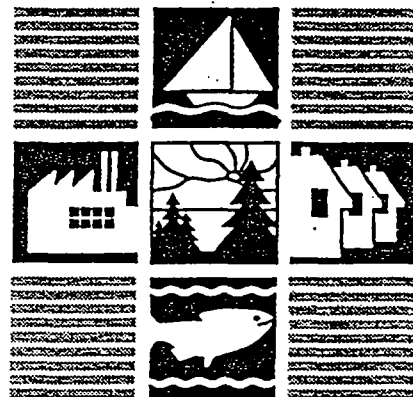
ATTN: Jeff Bowman

LDWSF 12.3.96
09/08/97

Per.
689-3001

Wastewater Discharge Permit Application

RECEIVED
SEP 08 1997
KING COUNTY
INDUSTRIAL WASTE



032
2.14

USEPA SF



1270070

You will find detailed instructions for completing each section of this application and each required exhibit in the enclosed packet, "Wastewater Discharge Permit Application and Exhibits—Instructions and Guidelines." Review the entire application and instruction packet carefully before completing any part of the application.

- ☒ Submit one application for each site.
- ☒ Answer all questions and include the required exhibits. Incomplete applications will be returned to you.
- ☒ If you do not have an answer for the requested information, indicate so and explain why.
- ☒ Indicate "NA" if a section does not apply to your operations.
- ☒ Use additional pages, if needed.
- ☒ No application fee is required. You will be billed a permit fee if a permit is granted.
- ☒ Send five copies of the completed application and exhibits to:

King County Department of Metropolitan Services Metro
Industrial Waste Section
130 Nickerson Street, Suite 200
Seattle, Washington 98109-1658

SECTION A—BUSINESS NAMES AND ADDRESSES

APPLICANT BUSINESS NAME: <u>Longview Fibre Company</u>	
ADDRESS OF SITE DISCHARGING WASTEWATER:	BUSINESS MAILING ADDRESS:
Street Address <u>5901 E. Marginal Way So.</u>	Street Address <u>P.O. Box 24867</u>
City, Zip Code <u>Seattle, WA 98134</u>	City, Zip Code <u>Seattle WA 98124</u>
PERSON TO BE CONTACTED ABOUT THIS APPLICATION:	
Telephone No. <u>(206) 762-7170</u>	
24 Hour Emergency Phone No. <u>(206) 409-0000</u>	
<u>Sonny Lee Bivins</u>	<u>Environmental Coordinator</u>
Name	Title
<u>Same as above</u>	
Street Address	City, Zip Code

SECTION B—GENERAL BUSINESS INFORMATION

1. NATURE OF BUSINESS

Briefly describe the main activities at the applicant site (type of manufacturing, service, remediation).

Manufacturing of corrugated containers (including ~~some~~ printing)
Boiler operation

2. PERTINENT IDENTIFICATION NUMBERS AND PERMITS

Standard Industrial Classification (SIC) <u>2653 (SIC code)</u>	Environmental Control Permits Issued for Applicant Site:
EPA WAD No. <u>WAD 009282161</u>	
Water/Sewer Account No. <u>01712640-005-4</u>	
Current Metro Permit No. _____	
Date Business Started at this Site <u>1953</u>	

SECTION C—PRODUCT AND PROCESS DESCRIPTION

1. DAILY AND SEASONAL VARIATIONS

(122 Total) 32 sales + super.

	No. of Operating Days/Year	Circle Days You Generally Discharge & Provide No. of Hours Discharged on Those Days								No. of Employees/Shift			
		Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.	Holiday	Day	Night	Swing	
Average	250	24	24	24	24	16	8	0	0	50	26	30	= 106
Maximum	365	24	24	24	24	24	24	24	24	66	26	30	= 122

= 106

= 122

2. BUSINESS ACTIVITIES AND PRODUCTS

Business activities include both manufacturing and remediation activities.

Business Activity	Type of Product or Brand Name	Daily Quantities	
		Average	Maximum
Manufacturing	Corrugated boxes	25 mm sq ft	4 mm sq ft

3. RAW MATERIALS AND CHEMICALS USED IN THE PROCESS

(in lbs.)

Brand Name	Chemical or Actual Name	Purpose	Daily Quantities		Tank Volume	Working Concentration
			Average	Maximum		
Corn Starch		Make glue	2500	3000	100000	97%
Caustic	Sodium hydroxide	Make glue	100	150	5000	10%
Paper		Make product				
Water		(see other)				
Resin (Waterproof)		Make product	50	100	800	40%

Borax
Ink

(See emergency spill plan)

SECTION C—PRODUCT AND PROCESS DESCRIPTION (continued)

4. INDUSTRIAL WASTEWATERS DISCHARGED TO METRO SEWERS

Process That Generates Wastewater (1)	Substances Discharged to Sewer	Type of Pretreatment	Frequency (2)	Daily Quantities	
				Average	Maximum
manufacturing of corrugated boxes	Wash Water		a	2000 G	3000 G
Boiler Blowdown	Boiler Sludge	cooler, heat exchange auto*	a	300 G	1000 G

(1) Enter a brief description and assign a number for each process. Also show these numbers in Exhibits A and B.

(2) Indicate appropriate letter: (a) continuously discharged when generated, or (b) stored and discharged in batches.

*Blowdown is automated about 3-4 times an 8hr. shift

5. LIQUID WASTES AND SLUDGES REMOVED BY MEANS OTHER THAN METRO SEWERS

Type of Waste/Substance	Means of Removal	Frequency	Volume (1)
Wash water sludge	pumped out - hauled off by pumper	2 times a year	100-200 Gallons

(1) Enter annual, monthly, or daily volume — or volume of each removal.

6. PROPOSED DURATION OF DISCHARGE: continuously - sporadic all 24 hrs.
Depends on wash cycle. May be at any time

SECTION D—WATER BALANCE

1. REQUIRED EXHIBIT

EXHIBIT I: DOCUMENTATION OF WATER BALANCE CALCULATIONS.

2. WATER BALANCE

Type of Consumption/Discharge	WATER IN:			WATER OUT:		
	Water Use			Water Discharge or Loss		
	Source (1)	Average (gal/day)	Maximum (gal/day)	Discharge Point (2)	Average (gal/day)	Maximum (gal/day)
Industrial processing water/wastewater	a, c	2000	2000	f	Ø	Ø
Contact cooling water	N/A	—	—	—	—	—
Noncontact cooling water	a	4800	4800	a, f	4800	4800
Boiler and cooling tower feed/blowdown	a	300	1000	a	300	1000
Water incorporated into product	a, c	1500	2500	f	Ø	Ø
Sanitary water/wastewater	a	875	875	a	875	875
Storm water (calculate only if discharge is to a combined sanitary sewer)	e	—	—	b	—	—
Plant washing water/wastewater	a	26000	26000	a, f	26000	26000
Site irrigation	Ø	—	—	—	—	—
Evaporation	NA	NA	NA	—	—	—
Other	—	—	—	—	—	—
TOTALS	NA	35475	37175	NA	33475	35175

(1) Enter the appropriate letter for the water source:

a. City Service b. Private Well c. Reclaimed Water d. Raw Materials e. Storm Water f. Ground Water

(2) Enter the appropriate letter for the discharge point:

a. Sewer b. Storm Drain c. Receiving Water d. Waste Haulers e. Evaporation f. Product

(If the discharge is entering the sewers, also indicate the side sewer [ss] number, if available.)

SECTION E—REQUIRED EXHIBITS

1. REQUIRED EXHIBITS

- EXHIBIT A: SCHEMATIC FLOW DIAGRAM ✓
 EXHIBIT B: SITE LAYOUT ✓
 EXHIBIT C: PLANNED CHANGES IN PRETREATMENT OR WASTE DISPOSAL PRACTICES
 EXHIBIT D: ANALYTICAL OR HISTORICAL DATA ✓
 EXHIBIT E: SPILL PREVENTION AND CONTAINMENT PLAN ✓
 EXHIBIT F: TANK CAPACITIES AND CONCENTRATIONS ✓
 EXHIBIT G: HYDROGEOLOGIC REPORTS FOR GROUND WATER REMEDIATION
 EXHIBIT H: ENGINEERING REPORT (Required only if you have wastewater pretreatment systems or
 are intending to install such systems.)
 EXHIBIT I: DOCUMENTATION OF WATER BALANCE CALCULATIONS ✓

2. OPTIONAL EXHIBIT

- EXHIBIT J: HYDROGEOLOGIC REPORTS FOR LONG-TERM GROUND WATER REMEDIATION.

SECTION F—CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction of supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sonny L. Bivins
 Printed Name

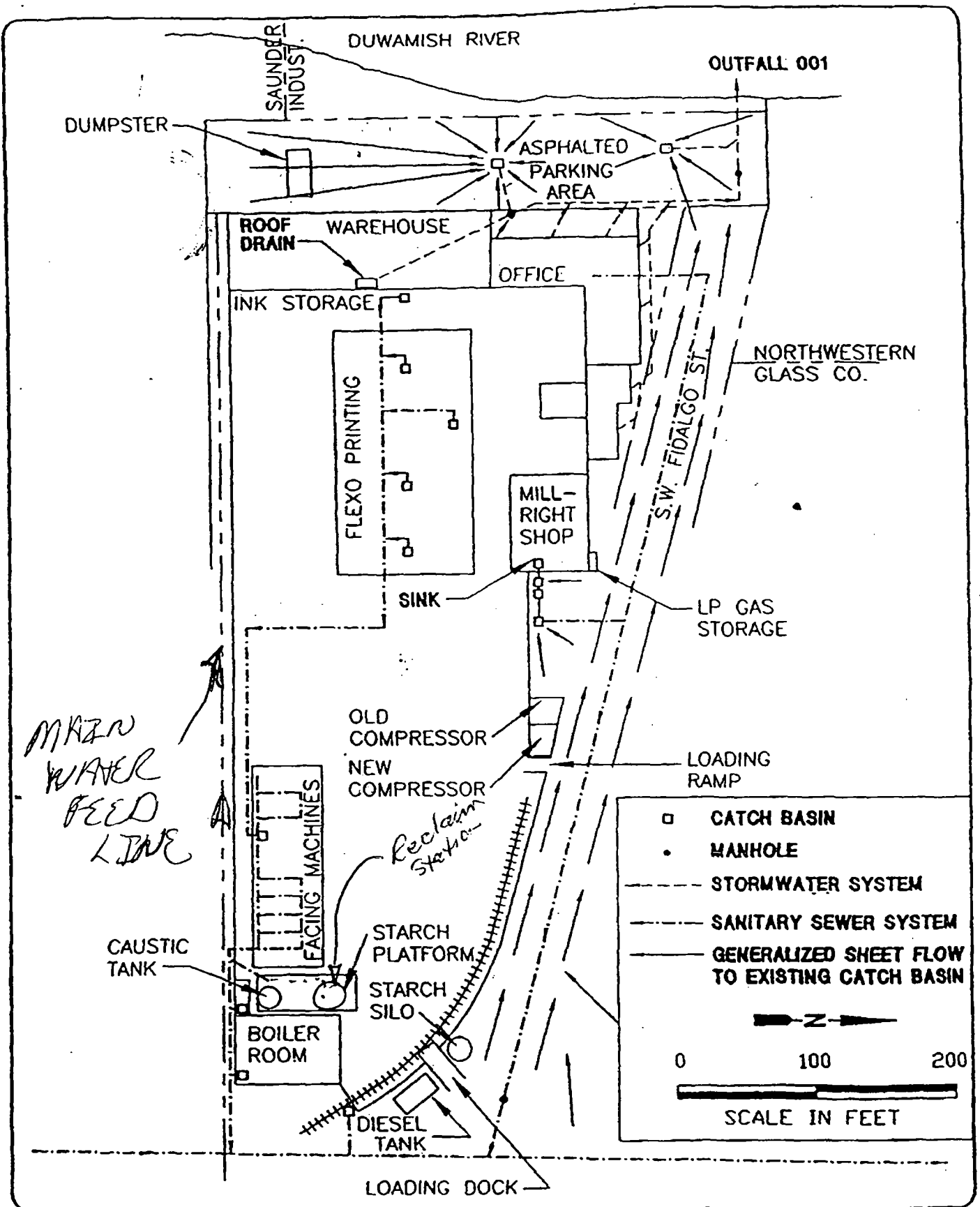
PLUR. Coordinator
 Title

Sonny L. Bivins
 Signature

7-25-97
 Date

EXHIBIT A

SCHEMATIC FLOW DIAGRAM



Emcon
Northwest, Inc.

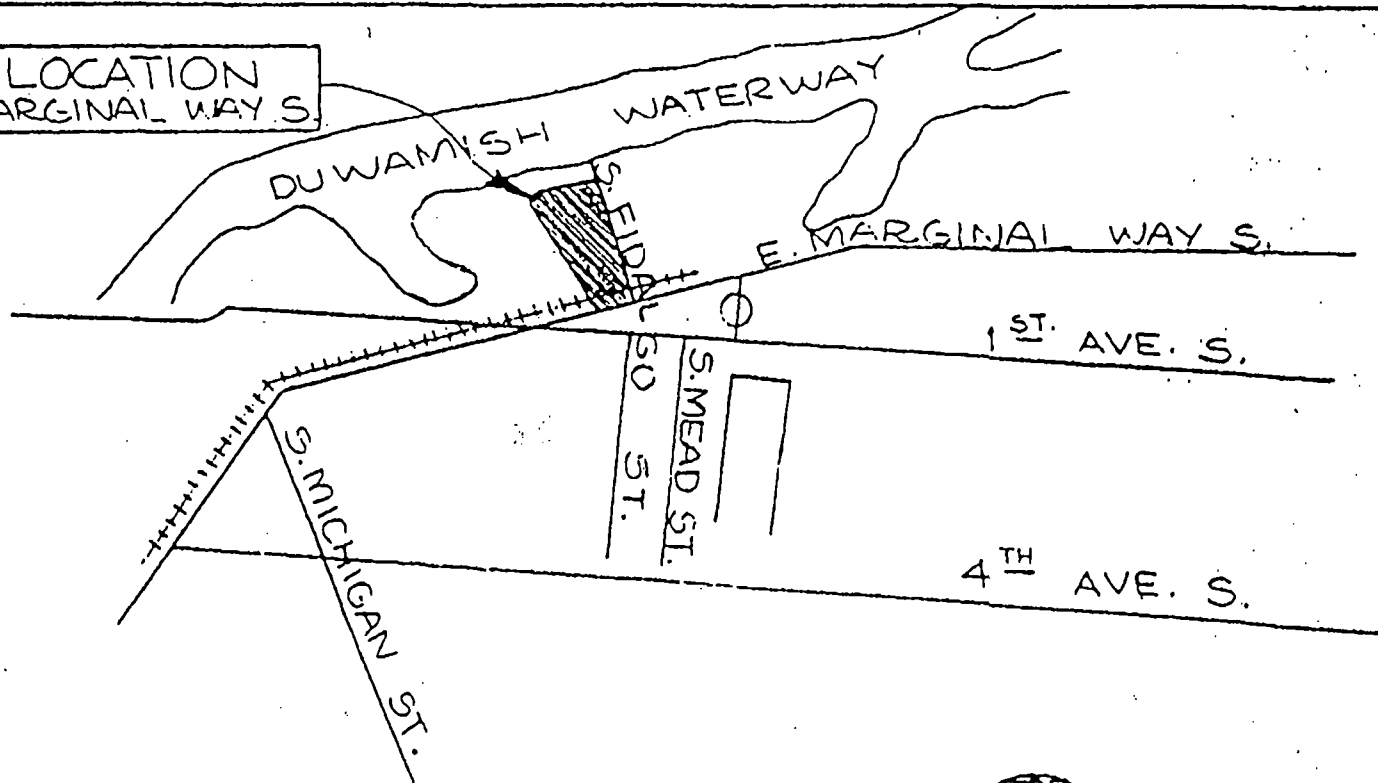
DATE 10/93
OWN. TYS
REV. MMM
APPR.
PROJECT NO.
0732-003.02

Figure 2-2
LONGVIEW FIBRE COMPANY
SEATTLE BOX PLANT
SEATTLE, WASHINGTON
SITE MAP

EXHIBIT B

SITE LAYOUT

SITE LOCATION
5901 E. MARGINAL WAY S.

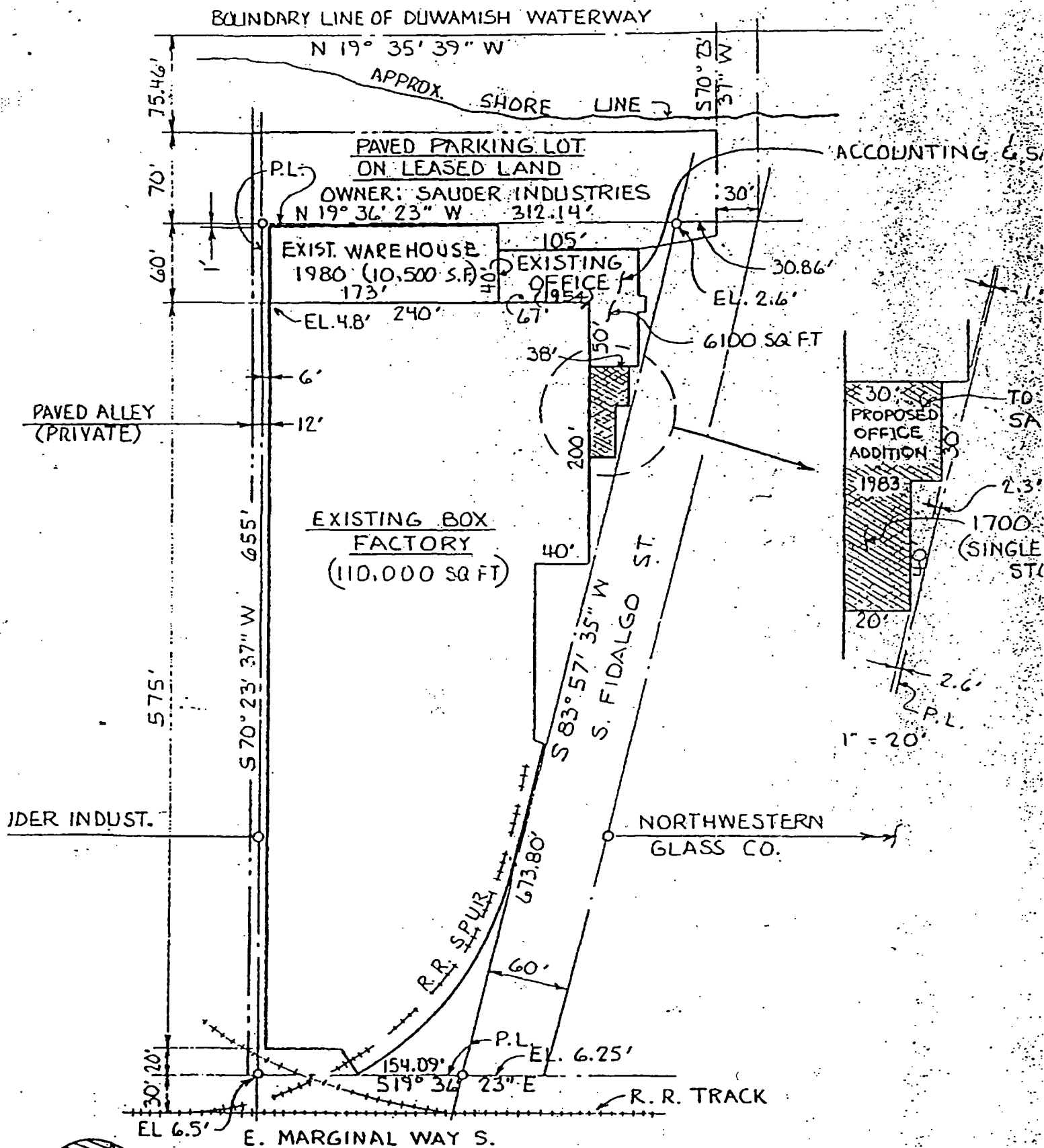


VICINITY MAP

NO

SCALE



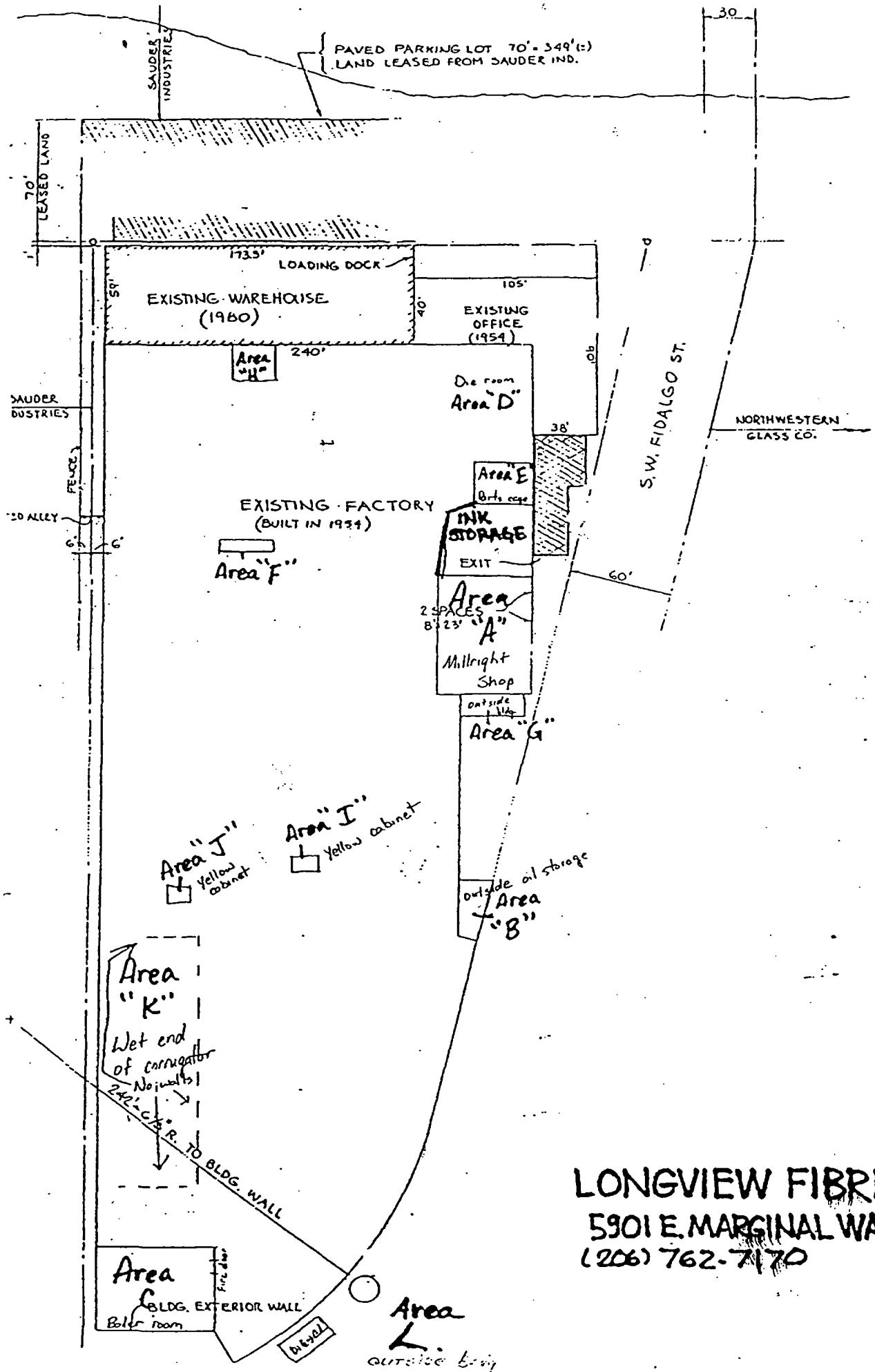


SITE PLAN

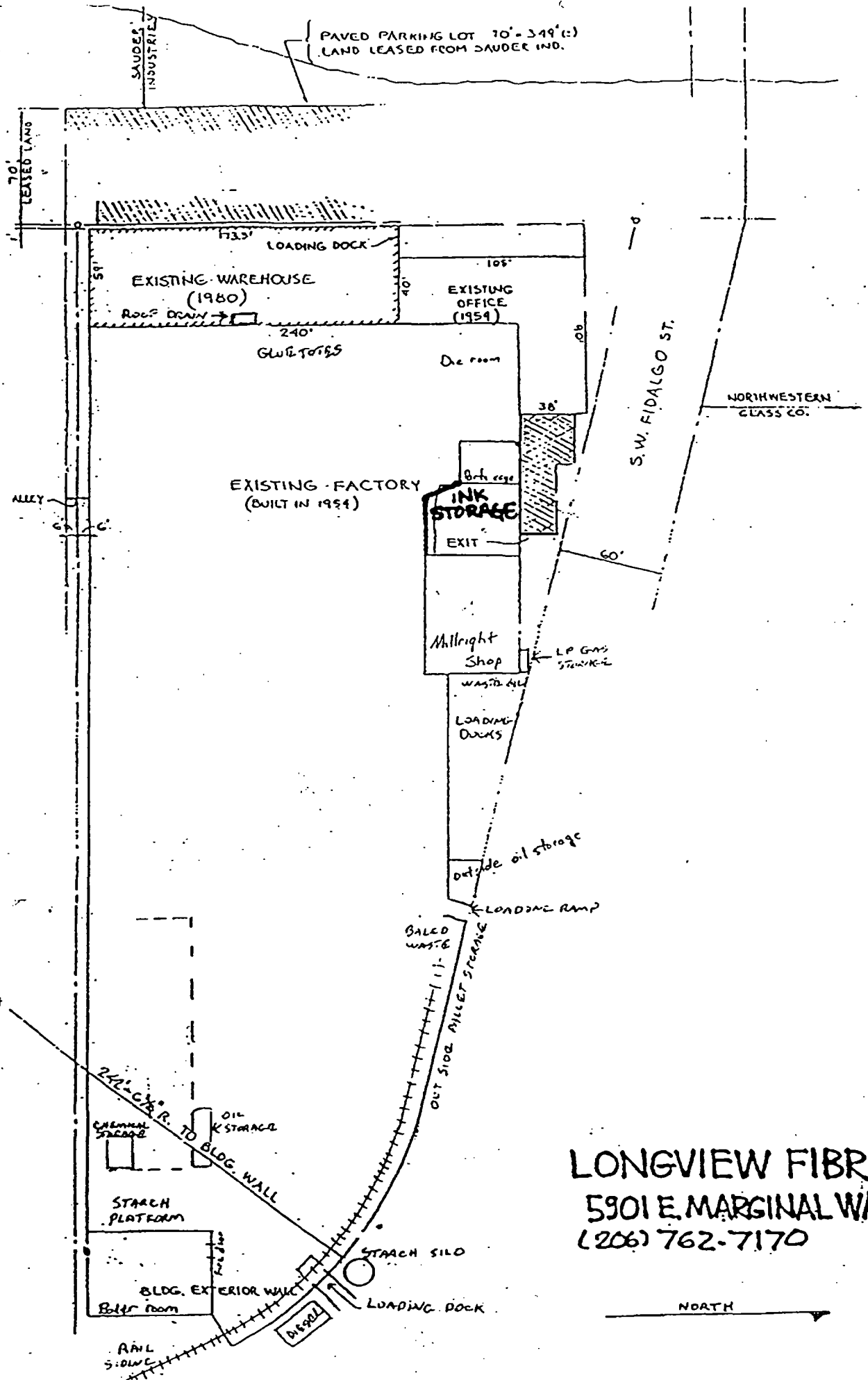
SCALE: 1" = 100'

DUWAMISH WATERWAY
(TIDAL)

M.H.H.W. EL -11.1 } CITY
M.L.L.W. EL -12.4 } DATUM



LONGVIEW FIBRE
5901 E. MARGINAL WAY
(206) 762-7170



LONGVIEW FIBRE CO
5901 E. MARGINAL WAY S.
(206) 762-7170

NORTH

EXHIBIT E & F

**SPILL PREVENTION AND
CONTAINMENT PLAN**

**INCLUDING:
TANK CAPACITIES AND
CONCENTRATIONS**

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

LONGVIEW FIBRE COMPANY

CONTACT

TOM CRAIG - PLANT MANAGER

1/22/97

1. Name and Ownership

NAME

LONGVIEW FIBRE COMPANY

5901 East Marginal Way So.

Seattle, WA 98134

Telephone: (206) 762-7170

MANAGER

TOM CRAIG

4616 S.W. Massachusetts

Seattle, WA 98116

Telephone: (206) 933-6392

OWNER

LONGVIEW FIBRE COMPANY

P.O. Box 3000

Longview, WA 98632

Other Personnel - Approximately 102 employees including factory workers, supervisors, clerical, salespeople, and managers.

Service area - We are not shipping or transporting product that would be included in spill prevention.

2. Description of Facility

This plant manufactures, warehouses, and ships corrugated products which do not fall into the Spill Prevention Program. The accompanying drawing shows property boundaries and adjacent roadway, drainage ditches, on site buildings and storage tanks significant to this report. We do purchase store and consume certain chemicals and oils which follows later in this plan.

Fixed Storage:

1. One 5000 gallon double lined above ground diesel oil tank - stand-by fuel
2. One 150 gallon preparation tank (Vortex TM Mixer)
3. Two 300 gallon starch holding tanks
4. One 4000 gallon bulk caustic storage tank 96" x 152" 1.5 specific gravity with a 0.562" wall
5. One 3000 gallon waste water storage tank
6. One 225,000# dry starch storage silo

The fixed storage is either inside the building, or secured so it cannot be tampered with.

The propane for lift trucks is enclosed in a fenced area with a locked gate and contained in 40# tanks filled by Ball-Incon.

Other storage:

Bennet - Acetylene in pressure cylinder
Bennet - Oxygen in pressure cylinder
Printing Ink - 5 gallon plastic pail
Glue - Liquiplex bins
H. B. Fuller 2017 - 55 gallon drum
Michelman 4011 - 55 gallon drum
Michelman X300 - 55 gallon drum
Resin - Starch additive - Liquiplex bin
Borax - Starch additive - Liquiplex bin
Unocal UNAX AW 32
Unocal UNAX AW 46
Unocal UNAX AW 150
Unocal MP GEAR LUBE LS 80W/90
Unocal TURBINE OIL 22

Unocal GUARDOL SAE 10
Unocal GUARDOL SAE 30
Unocal NLGL 6 EP
Unocal NLGL 8 EP
Unocal HYDRAULIC OIL AW 46
CH20 6151 Boiler Water Treatment - 55 gallon drum
CH20 6262 Boiler Water Treatment - 30 gallon drum
CH20 6388 Boiler Water Treatment - 55 gallon drum
CH20 6656 Boiler Water Treatment - 55 gallon drum
222 Non Skid - Liquiplex Bin
Regular gasoline - 5 gallon can

3. Past Spill Experience

Oil spill, ground contamination, as much oil as possible was collected and recycled. Contamination ground removed and clean fill replaced it.

4. A. Spill Prevention - Fixed Storage

1. Stand-by fuel is never handled by employees.
2. Lift truck propane fuel is filled off site by Ball-Incon. Full and empty tanks are in a fenced enclosure with a locked gate. Tanks are hand carried to and from lift trucks.
3. The starch adhesive mixing and holding tanks are pumped from one tank to another and to our corrugator. This pumping occurs only when corrugator is running, under direct supervision of the corrugator supervisor.

B. Spill Prevention - Other Storage

1. Gasoline and some other items such as thinner and some gallon cans of adhesive are stored in a fire proof cabinet.
2. The Liquiplex bins of adhesive and coating are stored where we feel they are safe. They are moved to machines when needed by lift truck.

3. Corn starch is kept in an area where it is being used and is used as needed in the making of starch adhesive.

5. Spill Prevention - Vehicles

- A. On Site

The only vehicular spill that we are concerned about is when our lift trucks move the 55 gallon drums and the Liquiplex bins from our receiving dock to points of storage, or from storage to the area where they will be used. All lift truck operators have been cautioned to handle with great care.

- B. Off Site

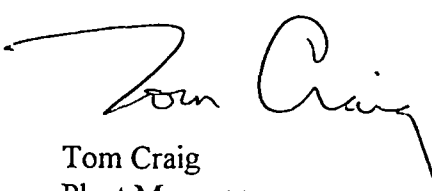
This is not a concern, as we do not haul or store above chemicals off site.

6. Personnel

All personnel have been instructed and trained in the following spill prevention and countermeasure plans:

1. Maintenance employees have been trained and instructed regarding oil and glue spills, containment, and retrieval methods.
2. Instructions and phone numbers have been posted regarding the reporting of a spill to the state and local departments of the EPA.

Our facility has all waste water being disposed of by sanitary sewer.



Tom Craig
Plant Manager

MISCELLANEOUS INFORMATION

OIL RECOVERY SERVICE
OIL SERVICES COLLECTION

REVISED: 06/24/9
RUN: 06/25/9

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 118101
SEATTLE

CONTROL #: 1713897-8
LAB #: 6069713897-9
SURVEY #: 1066235

GENERATOR INFORMATION: CUSTOMER NUMBER: 1181-01-7274

LONGVIEW FIBRE
5901 MARGINAL WAY SO
SEATTLE, WA 98134

ATTN: KIM ARMSTRONG

BRANCH: 118101 - SEATTLE

GENERAL DESCRIPTION: PIT SLUDGE/H2O

NATURE OF BUSINESS: CARDBOARD

S.I.C.:

STATUS: SQG

FEDERAL EPA ID: WA0009282161 STATE ID(S):

FACILITY ADDRESS:

BILLING ADDRESS:

5901 MARGINAL WAY SO
SEATTLE, WA 98134

PROCESS DESCRIPTION: WASH INK ROLLERS

GENERATION AMOUNT: 200 GALLONS YEARLY

PART#:

P.O. #: SE706033

DATE SURVEY SIGNED: 06/06/97

CONTACT: KIM ARMSTRONG

TITLE: MAINTENANCE CLERK

PHN: 206-762-7170

SURVEY COMMENTS:

REQUEST BULK PICK UP WITH VAC-SERVICE WASTE WATER & SLUDGE.

Regular. \$303⁰⁰ per drum
Discount \$272⁰⁰ per drum.

*** ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PA

REQUIRED MANIFEST FORM: GN

SAFETY-KLEEN CORP. PROVIDES THIS MANIFESTING INFORMATION FOR INSTRUCTIONAL PURPOSES ONLY. ALL THE INFORMATION IS BELIEVED TO BE ACCURATE, BUT IS KNOWN TO BE INCOMPLETE. FEDERAL AND STATE REGULATIONS AND THE INSTRUCTIONS ON THE MANIFEST FORM SHOULD BE CONSULTED FOR COMPLETE INFORMATION. IN ADDITION, CERTAIN VARIATIONS MAY BE ALLOWED BY REGULATIONS, BUT NEED TO BE APPROVED BY A SAFETY-KLEEN REPRESENTATIVE PRIOR TO SHIPMENT.

UNIFORM HAZARDOUS WASTE MANIFEST 1. GENERATORS US EPA NO. WA0009282161 DOCUMENT NO. 12. PAGE 1 UNDERLINED AREAS ARE REQUIRED

3. GENERATOR NAME AND MAILING ADDRESS A. STATE MANIFEST DOCUMENT NO

LONGVIEW FIBRE CO
5901 E MARGINAL WAY

SEATTLE WA 98134

B. STATE GENERATOR ID

4. GENERATOR PHONE 206 762 7170

5. TRANSPORTER 1 CO NAME SAFETY-KLEEN CORP. 6. US EPA ID NO ILD984908202 C. ST TRANS ID D. TRANSPORTER PHONE 206939202

7. TRANSPORTER 2 CO NAME 8. US EPA ID NO E. ST TRANS ID F. TRANSPORTER PHONE

9. FACILITY NAME AND SITE ADDRESS 10. US EPA ID NUMBER 11. FACILITY STATE ID

SAFETY-KLEEN CORP.
3700 LAGRANGE ROAD
SMITHFIELD KY 40068

KYD053348108

H. FACILITY PHONE
502 845 2453

11. US DOT DESCRIPTION CONTAINER I. WASTE NO

A. HM. WASH WATER
(NOT USDOT OR USEPA HAZARDOUS MATERIAL)

N/I

J. ADDITIONAL DESCRIPTION FOR THE MATERIALS LISTED ABOVE K. HANDLING CODE

15. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION

EMERGENCY RESP#800-468-1760(24 HR). IF UNDELIVERABLE, RETURN TO GENERATOR.

OIL RECOVERY SERVICE
LONGVIEW FIBRE CO

MANIFEST INFORMATION

CONTROL #: 1713897-8
SAMPLE #: 1066235
RUN: 06/25/97

REQUIRED MANIFEST FORM: TX

SAFETY-KLEEN CORP. PROVIDES THIS MANIFESTING INFORMATION FOR INSTRUCTIONAL PURPOSES ONLY. ALL THE INFORMATION IS BELIEVED TO BE ACCURATE, BUT IS KNOWN TO BE INCOMPLETE. FEDERAL AND STATE REGULATIONS AND THE INSTRUCTIONS ON THE MANIFEST FORM SHOULD BE CONSULTED FOR COMPLETE INFORMATION. IN ADDITION, CERTAIN VARIATIONS MAY BE ALLOWED BY REGULATIONS, BUT NEED TO BE APPROVED BY A SAFETY-KLEEN REPRESENTATIVE PRIOR TO SHIPMENT.

UNIFORM HAZARDOUS WASTE MANIFEST		1. GENERATORS US EPA NO. WAD009282161		DOCUMENT NO. 1		2. PAGE 1		UNDERLINED AREA ARE REQUIRED	
3. GENERATOR NAME AND MAILING ADDRESS LONGVIEW FIBRE CO 5901 E MARGINAL WAY SEATTLE WA 98134				A. STATE MANIFEST DOCUMENT NO. PREPRINTED ON FORM					
4. GENERATOR PHONE 206 762 7170				B. STATE GENERATOR ID 99953					
5. TRANSPORTER 1 CO NAME SAFETY-KLEEN CORP.		6. US EPA ID NO ILD984908202		C. ST TRANS ID		D. TRANSPORTER PHONE 206939202			
7. TRANSPORTER 2 CO NAME		8. US EPA ID NO		E. ST TRANS ID		F. TRANSPORTER PHONE			
9. FACILITY NAME AND SITE ADDRESS SAFETY-KLEEN CORP. 1722 COOPER CREEK ROAD DENTON, TX 76208				10. US EPA ID NUMBER TX0077603371		G. FACILITY STATE ID 65124			
						H. FACILITY PHONE 940 383 2611			
11. US DOT DESCRIPTION A. HM. WASH WATER (NOT USDOT OR USEPA HAZARDOUS MATERIAL)				CONTAINER		I. WASTE NO. N/ OUST1011			
J. ADDITIONAL DESCRIPTION FOR THE MATERIALS LISTED ABOVE						K. HANDLING CODE			
15. SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION EMERGENCY RESP#800-468-1760(24 HR). IF UNDELIVERABLE, RETURN TO GENERATOR.									

OIL RECOVERY SERVICE
OIL SERVICES COLLECTION

REVISED: 06/24/97
RUN: 06/25/97

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 118101
SEATTLE

CONTROL #: 1713897-8
LAB #: 6069713897-9
SURVEY #: 1066235

CORPORATE REVIEW:

DISPOSITION: ACCEPT FOR SHIP

PART NUMBER: 0087174 WASTE, WATER 55-1

REVIEW DATE: 06/24/1997

REVIEWERS: DRM KAW

APPROVED FACILITIES:

SAFETY-KLEEN CORP.
1722 COOPER CREEK ROAD
DENTON, TX 76208

SAFETY-KLEEN CORP.
3700 LAGRANGE ROAD
SMITHFIELD, KY 40068
KYD053348108

FED EPA#: TXD077603371
STATE EPA#: 65124

TELEPHONE: 9403832611

5028452453

STATE AUTH:

APPROVED DOT - SHIPPING DESCRIPTION

0005469 DRUM OR BULK

WASH WATER

(NOT USDOT OR USEPA HAZARDOUS MATERIAL)

STATE/PROV. CODES: TX OUTS1011

US EPA WASTE CODES: NONE

USA

REVIEW COMMENTS:

- *****
- * PROPER SHIPPING DESCRIPTION WAS BASED ON THIS SINGLE ANALYSIS. GENERATOR
 - * MUST CERTIFY THAT SHIPMENT IS NOT HAZARDOUS. PER COMPANY POLICY, FRS
 - * CUSTOMERS MUST COMPLETE GENERATOR CERTIFICATION WITH EACH SHIPMENT
 - * AND BRANCH WILL FILE IN CUSTOMER RECORDS.
 - * OK FOR WASTE WATER FUEL. WASTE SHIPPED IN DRUMS FROM THE CUSTOMERS SITE
 - * NEED TO BE EQUIPPED WITH A BUNG ON THE TOP LID PRIOR TO SHIPMENT. DRUMS
 - * RECEIVED FROM THE CUSTOMER LACKING BUNGS WILL BE RETURNED TO THE CUSTOMER BY
 - * THE SK TSOF.
 - * THIS WASTE STREAM HAS BEEN REVIEWED FOR RECEIPT AT THE DOLTON RECYCLE CENTER
 - * AND IS NOT APPROVED FOR THIS FACILITY AT THIS TIME.
 - * A GENERATOR WASTE DETERMINATION CERTIFICATION FORM FOR USEPA NON-HAZARDOUS
 - * WASTE APPROVAL HAS BEEN RECEIVED.
 - * THIS WASTE IS NOT FOR SAFETY-KLEEN VACUUM SERVICES AT THIS TIME.
 - * WATER/INK SLUDGE IS NOT FOR VAC SERVICES. KAW 6/24/97
 - * GENERAL COMMENTS: KF(A)=65.2
 - * ANALYTICAL COMMENTS: WATER ESTIMATED BY DIFFERENCE
 - * CAUSTIC COAGULATION: PASS
- *****

THIS SERVES AS NOTICE PER FEDERAL AND STATE REGULATIONS THAT EACH FACILITY
NOTED ABOVE HAS THE APPROPRIATE PERMITS, CAPABILITIES, CAPACITY; AND IS
WILLING TO ACCEPT THE MATERIAL AS DESCRIBED IN THE APPROVAL SECTION.
IT IS THE RESPONSIBILITY OF THE GENERATOR TO NOTIFY SAFETY-KLEEN CORP. OF
ANY CHANGES IN THE PROCESS GENERATING THIS WASTE STREAM.

*** ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PAGE

GIL SERVICE
GIL SERVICES COLLECTION

COMPLETED: 06/24/9
REVISED: 06/24/9
RUN: 06/25/9

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 118101
SEATTLE

CONTROL #: 1713897-8
LAB #: 6069713897-9
SURVEY #: 1066235

GENERAL ANALYSIS OF TOTAL SAMPLE

COLOR : DK GRAY, LT GRAY
WATER CONTENT : 69.0 WT%
NON-VOLATILE RESIDUE : 31.0 WT% DESCRIPTION: SOLID
FLAMMABILITY : NO FLASH AT 73 F BY SETAFLASH
FLAMMABILITY : NO FLASH AT 140 F BY SETAFLASH
PH : DIRECT BY METER 7.1
RADIOACTIVITY : NONE DETECTED
COMMENTS: H2O COMP: COMP;NVR@200: SOLID, 26

FUEL EVALUATION OF TOTAL SAMPLE

HEAT CONTENT : 959 BTU/LB ASH UPON COMBUSTION : 17.0 WT%
TOTAL BROMINE BR: < 0.1 WT% TOTAL FLUORINE F: < 0.1 WT%
TOTAL SULFUR S: < 0.1 WT% TOTAL CHLORINE CL: < 0.1 WT%
COMMENTS: FLASH @ 200: N;CHLORIDE: 0.048;

METALS CONTENT OF TOTAL SAMPLE (PPM): DIGEST

BY: ICP

ZINC	ZN:	16	THALLIUM	TL:	< 13
TITANIUM	TI:	180	SELENIUM (D010)	SE:	< 8.7
ANTIMONY	SB:	< 6.5	LEAD (D008)	PB:	< 2.2
PHOSPHORUS	P:	57	NICKEL	NI:	< 1.9
MAGNESIUM	MG:	270	MERCURY (D009)	HG:	< 4.3
IRON	FE:	930	COPPER	CU:	< 110
CHROMIUM (D007)	CR:	< 1.3	CADMIUM (D006)	CD:	< 1.3
BERYLLIUM	BE:	< 0.8	BARIUM (D005)	BA:	< 350
ARSENIC (D004)	AS:	< 4.3	SILVER (D011)	AG:	< 0.4

GENERAL COMPOSITION:

COMPOSITION BY:

APPEARANCE
(VOL%)

TOTAL
(WT%)

AQUEOUS PHASE (FREE WATER).....	80.0	80.
ORGANIC PHASE (FEEDSTOCK).....	0.0	0.
BOTTOM SLUDGE (SEMISOLIDS).....	10.0	10.
BOTTOM SOLID (SETTLED SOLIDS).....	10.0	10.
TOTAL	100.0	100.

TOTAL PHASE SPECIFIC GRAVITY:
BOTTOM SLUDGE SPECIFIC GRAVITY:

VISCOSITY (CENTIPOISE):
VISCOSITY (CENTIPOISE): > 50000 CP

SPECIFIC COMPOSITION OF TOTAL SAMPLE

COMPOSITION OF:

TOTAL
SAMPLE
(WT%)

TOTAL
SAMPLE
(WT%)

WATER CONTENT.....	69.0	69.0
NON-VOLATILE RESIDUE.....	31.0	31.0
VOLATILE ORGANICS BY DIFFERENCE.....	0.0	0.0
TOTAL	100.0	100.0

*** ACCEPT FOR SHIPMENT

CONTINUED ON NEXT PAGE

OIL SERVICES COLLECTION

COMPLETED: 06/24/97
REVISED: 06/24/97
RUN: 06/25/97

ACCEPT FOR SHIPMENT

BRANCH/SUBMITTER: 118101
SEATTLE

CONTROL #: 1713897-8
LAB #: 6069713897-9
SURVEY #: 1066235

VOLATILE ORGANIC COMPOSITION OF TOTAL SAMPLE BY GAS CHROMATOGRAPHY
SAMPLE PREPARATION METHODS: CS2-EXTRACT
DETECTION METHODS: FID, FID

COMPOUND NAME	COMPOSITION OF:	VOLATILE ORGANICS (WT%)	TOTAL SAMPLE (WT%)
TRACES OF VOLATILE ORGANICS DETECTED ((1.0% EACH)		100.0	0.1
CODE: TR CAS NUMBER:			
TOTAL		100.0	0.1

SPECIFIC ORGANIC COMPOSITION
POLYCHLORINATED BIPHENYLS (PCBS): NONE DETECTED <

LABORATORY REVIEW: A SEG CODE: REVIEWERS: XXX XXX LAB: SK TECHNICAL CT
RELEASED: 06/24/97 ANALYZED: 06/23/97 SUBMITTED: 06/10/97

THE ANALYSIS CONTAINED HEREIN ARE PERFORMED SOLELY FOR THE PURPOSE OF QUALIFYING THE ANALYZED MATERIALS FOR ACCEPTANCE BY SAFETY-KLEEN CORP. IN ACCORDANCE WITH ITS PERMITS AND PROCESSING CAPABILITIES.

REVISION NOTES ** (06/24/97) **
LINE BUSINESS FROM:24
TO:28
SMPL NAME FROM:LONGVIEW FIBRE CO
TO:LONGVIEW FIBRE
NATURE BUSINESS FROM:CARDBOARD BOX MFG
TO:CARDBOARD
FAC ADDR LINE 1 FROM:5901 E MARGINAL WAY
TO:5901 MARGINAL WAY SO

REVISION NOTES ** (06/24/97) **
GENERAL DESC FROM:PIT SLUDGE, WATER
TO:PIT SLUDGE/H2O
GENERATN AMOUNT FROM:000000200 G Q
TO:000000200 G Y
COMMENT UPDATED FROM
REQUEST BULK PICK UP WITH VAC-SERVICE. WASTE WATER & SLUDGE

REVISION NOTES ** (06/24/97) **
MANUAL COMMENT UPDATED FROM
AUTOMATED COMMENTS
AUTOMATED COMMENTS

NOTICE OF LAND DISPOSAL RESTRICTION OF WASTE IS NOT REQUIRED.

*** ACCEPT FOR SHIPMENT

END OF DOCUMENT

APPENDIX B

NON-STORMWATER DISCHARGE ASSESSMENT AND
CERTIFICATION

Longview Fibre Company
Seattle, Washington

Non-Stormwater Discharge Assessment and Certification Seattle, Washington Facility			Completed by: Tim Haderly, John Macpherson Title: Environmental Scientist, EMCON Northwest, Inc. Date: November 1, 1993		
Date	Discharge Location (as indicated on the site map)	Method Used to Test or Evaluate Discharge	Describe Results from Test for Presence of Non-Stormwater Discharge	Identify Potential Significant Sources	Person Who Conducted the Test
9/30/93	Outfall 001	Visual observation, plant schematic review	No discharge observed	Parking lot, loading dock	John Macpherson
9/30/93	Sanitary Sewer Discharge	Visual observation, plant schematic review, dye testing	Inconclusive, flow volume too large for visual detection of dye	Printing area	John Macpherson
9/30/93	North Side Catch Basin	Visual observation, plant schematic review, dye testing	Flows to sanitary sewer system	Loading dock	John Macpherson
CERTIFICATION					
Based on my inquiry of the person or persons who manage the systems or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					
A. Name: Signature:			B. Phone:		
C. Signature:			D. Date Signed:		

SO3-000206

Permit I

Coverage Date: DEC 18 1995

Issuance Date: November 18, 1995
Effective Date: December 18, 1995
Expiration Date: November 18, 2000


**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND STATE
WASTE DISCHARGE BASELINE GENERAL PERMIT FOR
STORMWATER DISCHARGES ASSOCIATED WITH**

INDUSTRIAL ACTIVITIES

State of Washington
DEPARTMENT OF ECOLOGY
Olympia, Washington 98504-7696

In compliance with the provisions of
The State of Washington Water Pollution Control Law
Chapter 90.48 Revised Code of Washington
and
The Federal Water Pollution Control Act
(The Clean Water Act)
Title 33 United States Code, Section 1251 et seq.

Until this permit expires, is modified or revoked, permittees that have properly obtained coverage under this permit are authorized to discharge to waters of the state in accordance with the special and general conditions which follow.



Michael T. Llewellyn
Water Quality Program Manager
Department of Ecology